

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--------------------------------|---|------------------|---------|---------------------|
| L1 | 2 | "6876649".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/02 11:19 |
| L2 | 2 | "20040141494".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/02 11:30 |
| S1 | 1884 | polyphase with switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:44 |
| S2 | 229523 | clockwise and counterclockwise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:45 |
| S3 | 155 | S1 and S2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:45 |
| S4 | 2 | "5544168".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:48 |

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|-----|--------|------------------------|---|----|----|---------------------|
| S5 | 6 | S1 same rotator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:50 |
| S6 | 2410 | rotator same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:52 |
| S7 | 128 | S6 same clockwise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:52 |
| S8 | 6 | S7 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:52 |
| S9 | 3 | ("2003/0081548").URPN. | USPAT | OR | ON | 2008/04/24 17:54 |
| S10 | 150 | S6 and S2 | USPAT | OR | ON | 2008/04/24 17:55 |
| S11 | 2 | "1026856" | USPAT | OR | ON | 2008/04/24 17:59 |
| S12 | 376801 | rotat\$4 same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:59 |
| S13 | 1055 | S12 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 17:59 |

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|-----|--------|---|---|----|----|---------------------|
| S14 | 57 | S2 and S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:00 |
| S15 | 2 | "5703879".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:04 |
| S16 | 9 | ("5168492" "5745486" "3607852" "6721271").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:05 |
| S17 | 8 | ("5168492" "5745486" "6307852" "6721271").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:06 |
| S18 | 355429 | rotat\$3 same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:08 |
| S19 | 1040 | S18 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:08 |
| S20 | 486 | S19 and phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:09 |

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|-----|---------|--|---|----|----|---------------------|
| S21 | 6479433 | rotat\$3 with] switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:09 |
| S22 | 195464 | rotat\$3 with switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:09 |
| S23 | 532 | S22 and "370"/\$.cls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:09 |
| S24 | 235 | S23 and phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/24 18:09 |
| S25 | 0 | ("2003/0053417").URPN. | USPAT | OR | ON | 2008/04/24 18:14 |
| S26 | 1 | ("2002/0039362").URPN. | USPAT | OR | ON | 2008/04/24 18:15 |
| S27 | 256259 | (switch or rotator) with (clockwise or counterclockwise or rotat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 11:10 |
| S28 | 944 | S27 and "370"/\$.cls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 11:10 |
| S29 | 16216 | S27 same (packet or data or cell) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 11:11 |

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|-----|-----|--------------------------|---|----|----|---------------------|
| S30 | 397 | S29 and "370"/\$.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 11:12 |
| S31 | 0 | ("2005/0058127").URPN. | USPAT | OR | ON | 2008/04/28 11:17 |
| S32 | 2 | "5745486".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 15:19 |
| S33 | 6 | "550489".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 15:30 |
| S34 | 11 | "550489".ap."244824".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 15:55 |
| S35 | 5 | "244824".ap. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 15:56 |

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|-----|--------|--|---|----|----|---------------------|
| S36 | 44 | (US-20050249201-\$ or US-20040184448-\$ or US-20070047541-\$ or US-20040165887-\$ or US-20070153821-\$ or US-20070140230-\$ or US-20030081548-\$ or US-20040213261-\$ or US-20040085994-\$ or US-20030053417-\$ or US-20020039362-\$ or US-20050063370-\$ or US-20050058127-\$ or US-20040141494-\$ or US-20030012214-\$).did. or (US-5544168-\$ or US-7352699-\$ or US-5703879-\$ or US-6721271-\$ or US-6307852-\$ or US-5745486-\$ or US-5168492-\$ or US-7184431-\$ or US-7023840-\$ or US-7009964-\$ or US-5459724-\$ or US-5303232-\$ or US-7136380-\$ or US-7050429-\$ or US-6876649-\$ or US-6876629-\$ or US-6700896-\$ or US-6687262-\$ or US-6515991-\$ or US-6486983-\$ or US-6473428-\$ or US-6339488-\$ or US-6282198-\$ or US-5604617-\$ or US-5383181-\$ or US-4679190-\$).did. or (EP-1450524-\$).did. or (GB-2258582-\$ or EP-1026856-A-\$ or EP-966123-A-\$ or WO-9716004-A-\$ or US-5168492-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2008/04/28 15:58 |
| S37 | 9 | counterclockwise and S36 | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 15:59 |
| S38 | 123478 | clockwise with counterclockwise | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:00 |
| S39 | 30963 | clockwise same counterclockwise same (switch or rotator or tandem) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:00 |
| S40 | 116 | S39 and "370"/\$.ccls. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:01 |
| S41 | 1165 | clockwise same counterclockwise same (rotator or tandem) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:08 |

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| S42 | 10 | S41 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:08 |
| S43 | 548 | clockwise same counterclockwise same (tandem) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:12 |
| S44 | 548 | clockwise same counterclockwise same (tandem) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:12 |
| S45 | 91 | S44 same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:12 |
| S46 | 0 | S45 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:13 |
| S47 | 2 | S44 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:13 |
| S48 | 0 | S44 and "709"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/28 16:14 |

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|-----|-------|--|---|----|----|---------------------|
| S49 | 47 | (US-20050249201-\$ or US-20040184448-\$ or US-20070047541-\$ or US-20040165887-\$ or US-20070153821-\$ or US-20070140230-\$ or US-20030081548-\$ or US-20040213261-\$ or US-20040085994-\$ or US-20030053417-\$ or US-20020039362-\$ or US-20050063370-\$ or US-20050058127-\$ or US-20040141494-\$ or US-20030012214-\$ or US-20040057453-\$).did. or (US-5544168-\$ or US-7352699-\$ or US-5703879-\$ or US-6721271-\$ or US-6307852-\$ or US-5745486-\$ or US-5168492-\$ or US-7184431-\$ or US-7023840-\$ or US-7009964-\$ or US-5459724-\$ or US-5303232-\$ or US-7136380-\$ or US-7050429-\$ or US-6876649-\$ or US-6876629-\$ or US-6700896-\$ or US-6687262-\$ or US-6515991-\$ or US-6486983-\$ or US-6473428-\$ or US-6339488-\$ or US-6282198-\$ or US-5604617-\$ or US-5383181-\$ or US-4679190-\$).did. or (US-7242859-\$ or US-5751696-\$).did. or (EP-1450524-\$).did. or (GB-2258582-\$ or EP-1026856-A-\$ or EP-966123-A-\$ or WO-9716004-A-\$ or US-5168492-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2008/04/29 13:59 |
| S50 | 0 | S49 and counterclockwise | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:00 |
| S51 | 12 | S49 and counterclockwise | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:00 |
| S52 | 30433 | (counterclockwise same clockwise same (switch or tandem)) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:04 |
| S53 | 49383 | (counterclockwise same clockwise same (switch or tandem or plane)) | US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:05 |

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|-----|--------|---|---|----|----|---------------------|
| S54 | 49781 | (counterclockwise same clockwise same (switch or tandem or plane or rotator)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:05 |
| S55 | 119 | S54 and "370"\$.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:05 |
| S56 | 45 | S55 and phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 14:09 |
| S57 | 15719 | 370/389,400,465,437,429,360,386,357,367,428.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 16:11 |
| S58 | 192502 | clockwise same counterclockwise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 16:11 |
| S59 | 62 | S57 and S58 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/04/29 16:11 |
| S60 | 1916 | polyphase with switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:48 |

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|-----|--------|-------------------------|---|----|----|---------------------|
| S61 | 1234 | S60 same phases | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:48 |
| S62 | 1235 | S60 same phase\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:48 |
| S63 | 58424 | rotator\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:49 |
| S64 | 11 | S62 and S63 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:49 |
| S65 | 2 | "5544168".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:55 |
| S66 | 181045 | reference with phase\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:59 |
| S67 | 368 | S60 and S66 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 10:59 |

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|-----|--------|-----------------------|---|----|----|---------------------|
| S68 | 2 | "20040141494".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:01 |
| S69 | 5 | S67 and "370"/\$.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:03 |
| S70 | 179741 | phase with reference | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:07 |
| S71 | 1440 | S70 same clockwise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:07 |
| S72 | 20 | S60 and S71 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:07 |
| S73 | 23 | S71 same rotator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:08 |
| S74 | 28166 | switch with clockwise | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:09 |

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| S75 | 2555708 | S74 saem phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:09 |
| S76 | 1635 | S74 same phase | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:09 |
| S77 | 440 | S76 same reference | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:10 |
| S78 | 7 | S77 and "370"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:10 |
| S79 | 10187 | reference with phase\$3 with different | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:11 |
| S80 | 24 | S60 and S79 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 11:11 |
| S81 | 10187 | different with reference with phase\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 12:32 |

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| S82 | 830 | S81 same switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 12:32 |
| S83 | 44 | S82 and "370"/\$.cds. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 12:32 |
| S84 | 16 | different with reference with phase\$2 with rotator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 12:52 |
| S85 | 2 | "20040184448".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:17 |
| S86 | 2 | "6876649".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:25 |
| S87 | 2 | "6876629".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:26 |
| S88 | 2 | "5745486".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:40 |

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| S89 | 231 | rotators with different with phases | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:47 |
| S90 | 109 | S89 and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:48 |
| S91 | 2 | "20040141494".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 13:51 |
| S92 | 2231 | different with rotation with cyc\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 14:38 |
| S93 | 34 | S92 and rotator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/12/01 14:38 |

12/ 2/ 2008 12:08:07 PM

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